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<b>(21) International Application Number:</b> PCT/US98/09413 <b>(22) International Filing Date:</b> 7 May 1998 (07.05.98) <b>(30) Priority Data:</b> 60/045,830 7 May 1997 (07.05.97) US 08/967,383 8 November 1997 (08.11.97) US 09/023,918 13 February 1998 (13.02.98) US <b>(71) Applicant:</b> NEOMEDIA TECHNOLOGIES, INC. [US/US]; Suite 600, 2201 Second Street, Fort Myers, FL 33901 (US). <b>(72) Inventors:</b> DURST, Robert, T., Jr.; 6054 Timberwoods Circle #240, Fort Myers, FL 33908 (US). HUNTER, Kevin; NeoMedia Technologies, Inc., Suite 600, 2201 Second Street, Fort Myers, FL 33901 (US). <b>(74) Agent:</b> TURNER, Roderick, S., W.; Anthony R. Barkume, P.C., Suite 200, 14 South Main Street, Sayville, NY 11782 (US).			<b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

**(54) Title:** SCANNER ENHANCED REMOTE CONTROL UNIT AND SYSTEM FOR AUTOMATICALLY LINKING TO ON-LINE RESOURCES**(57) Abstract**

A method for providing remote access to on-line resources comprising the steps of encoding address and access information and optional source identification information, embedding the encoded information onto a document (14), scanning the document with a scanner enhanced remote control unit (10, 10A), transmitting the scanned information, receiving the transmitted information, optionally processing the received information, optionally collecting the user demographic and source identification information, retrieving the on-line resource, and displaying the on-line resource to a user. Also an apparatus which provides remote access to on-line resources comprising an encoder of address and access information and optional source identification information, an embedding system, a scanner enhanced remote control unit (10, 10A) comprising a scanning system (22), a transmitter (24), a receiver (20A), an optional processor, an optional collector of the user demographic and source identification information, a retrieving system, and a display system (20).

